The Commonwealth of Massachusetts

DIVISION OF STATE COLLEGES

STATE COLLEGE AT WORCESTER

PROGRAM OF CONTINUING STUDIES

FALL 1965

Beginning September 20, 1965

FACULTY

CORNELIUS S. DONOGHUE, A.B., A.M., Director of Continuing Studies
JOHN F. EAGER, B.S., Ed.M., Associate Director of Continuing Studies
ELIZABETH R. BARLOW, B.S., Ed.M., Ed.D.
WALTER BUSAM, A.B., A.M., Ph.D.
JOHN D. COUGHLAN, A.B., Ed.M.
JOHN B. CROWLEY, A.B., A.M., M.S.
JAMES W. DAILEY, A.B., A.M.
PAUL DAVIS, B.S., Ed.M.
VINCENT R. DeBENEDICTIS, A.B., A.M.
MARY T. DOLPHIN, A.B., Ed.M.
VERA M. DOWDEN, B.S., Ed.M
PAUL J. EDMUNDS, A.B., A.M., M.S.
ROBERT W. GOSS, B.S., Ed.M., A.M., Ed.D.
RUTH GRIFFITHS, B.S., M.A., Ed.D.
PAUL A. HOLLE, A.B., M.S., Ph.D.
FRANCIS L. JONES, A.B., A.M., Ph.D.
GEORGE T. JOSEPH, B.S., Ed.M.
DONALD L. LOEFFLER, B.S., A.M.
JOSEPH C. LONERGAN, B.S., Ed.M.
ELIZABETH A. MAHAN, B.S., Ed.M.
WILLIAM K. MASTERSON, A.B., A.M., M.S.
PAUL J. McCARRON, B.S., Ed.M.
MELVIN MERKEN, B.S., A.M.
KATHRYN R. O'DONNELL, B.S., A.M.
PAUL F. O'NEIL, A.B., Ed.M.
EDMUND C. OSBORNE, B.S., A.M., Ed.D.
ROBERT F. PERRY, A.B., A.M., Ph.D.
HELGA E. PETERSON, B.S., Ed.M.
JOSEPH W. RIORDAN, A.B., A.M., Ed.M., Ph.D.
EVELYN ROBINSON, A.B., Ed.M., M.S.
JOSEPH P. SCANNELL, B. S., Ed.M.
JOSEPH A. SHEA, A.B., A.M., Ph.D.
KATHERINE M. SHEA, A.B., Ed.M., A.M.
RUTH V. SOMERS, A.B., A.M.
WILLIAM L. SULLIVAN, A.B., A.M., Ph.D.
G. FLINT TAYLOR, A.B., Ed.M., Ph.D.
FRANCIS G. WALETT, B.S., A.M., Ph.D.

GENERAL INFORMATION

The courses announced in this bulletin are offered by the Division of State Colleges in cooperation with the State College at Worcester. The Division of State Colleges reserves the right to cancel any course which does not have a minimum of 20 enrollments.

Both graduate and undergraduate courses are offered: courses carrying undergraduate credit only are numbered in the 700 series; courses carrying both graduate and undergraduate credit are numbered in the 800 series; courses carrying graduate credit only are numbered in the 900 series.

REGISTRATION

Registration should be made on September 13th through September 17th or during the first week of the Fall Session at the State College at Worcester, Massachusetts.

To facilitate course selection, provisions have been made for registration in advance by mail. The registration blank found on the last page should be forwarded to the college immediately. Registration fees must be paid by check or money order to the State College at Worcester. Cash will not be accepted. Assignments to classes which are or might be sectioned, or assignment to classes with maximum registrations, will be made in the order of completed registrations.

1. The tuition fee for residents of Massachusetts is $18.00 per semester hour of credit; for non-residents, $25.00 per semester hour of credit; and for auditors, $11.00 per semester hour.

2. LATE REGISTRATION FEE—(Required of all, including veterans, after the first class meeting) $2.00.

3. Change of Course Fee—Payable for any change of registration after the first class meeting except when a course is cancelled, $2.00.

4. All students in the Fall Semester, including veterans, must pay a $2.50 registration fee. UNDER NO CIRCUMSTANCES WILL ANY OF THE REGISTRATION FEES BE REFUNDED.

VETERANS

Any resident of Massachusetts who has served in any branch of the armed service for at least 90 days, one of which must have been

served either between September 16, 1940, and Dcember 31, 1946, or between June 25, 1950, and January 31, 1955, and who has a discharge other than dishonorable may enroll without charge for instruction in any course here offered within the established limitation of 120 semester hours. To establish his eligibility the veterans must present his discharge (or a photostatic copy) or certificate of satisfactory service in the case of officers, together with proof of residence, in advance of the opening date of class meeting.

CREDIT

Regulations and requirements for degree study may be obtained at the office of the Director of Continuing Studies, State College at Worcester. It is urgently recommended that the guidance and advice of the Director be sought and faithfully followed in planning a program of study. For teachers in service, a maximum of six semester hours of credit per semester may be credited toward a degree.

The GRADUATE RECORD EXAMINATION, required of all graduate students will be conducted at the State College at Worcester on Saturday, in mid-November, 1965. The Bulletin of Information and Application Blanks can be secured at the Director's Office, Room G-25, Gymnasium-Library Building, State College at Worcester, Mass. Registration through the Educational Testing Service, Princeton, New Jersey, closes in late October, 1965.

The degree of Master of Education is awarded at the State Colleges at Boston, Bridgewater (including Hyannis Summer Session), Fitchburg, Framingham, North Adams, Salem, Westfield, and Worcester. Graduate courses in partial fulfillment of the requirements for this degree may be offered from time to time in the other State Colleges and the Massachusetts College of Art.

The Comprehensive Examination will be conducted on Friday, November 19, 1965 at 4 P.M. Graduate students who will have completed their formal course work in the required areas by the end of the Fall Semester will be eligible to take it.

Registration for the 1966 Spring Session will be conducted from January 17th through January 21st and on the first day of each class meeting. It is anticipated that the following courses will be offered during the 1966 Spring Session:

Psychological Foundation of Education, Parts I and II
Philosophical Foundations of Education, Parts I and II

Art for the Classroom Teacher
Guidance I, II, and VI
Supervision
Administration
Research and Evaluation
Methods and Materials in Early Childhood Education
Methods and Materials in Elementary Education
Methods and Materials in Secondary Education
Methods and Materials in Library Science
Foreign Language

It is anticipated that courses in the areas of biology, physical science, history, geography, mathematics, social studies, the creative arts, English, and the language arts will be offered.

SCHEDULE OF CLASSES

NOTE: Courses carrying undergraduate credit only are numbered in the 700 series: courses carrying both undergraduate and graduate credit are numbered in the 800 series: and courses carrying graduate credit only are numbered in the 900 series. Assistance in selecting and registering in all courses is available in Room G-25 in the Gymnasium-Library Building, the W. S. C. Office of the Program of Continuing Studies. Phone: Worcester 791-1405 or 756-5121.

All Courses Carry Three Semester Hours of Credit

	Course, Number and Title	Instructor	Room
Mondays, 4:30-7:15 P.M., Beginning September 20, 1965			
F807	Supervision in Today's Schools	Ruth Griffiths	211
F813	Modern Trends and Techniques of Early Childhood Education, Part II	Elizabeth Mahan	G-22
F831	Sociology: Principles and Problems	Robert W. Goss	208
F840	Biological Science for the Educator	Paul A. Holle	103
F846	Modern Mathematics for Elementary School Teachers	Paul F. O'Neil	309
F885	Books and Related Materials for Junior and Senior High School Students	John V. Crowley	G-26
F900	Philosophical Foundations of Education Part I	William K. Masterson	205
Tuesdays, 4:30-7:15 P.M., Beginning September 21, 1965			
F812	Principles and Practices in Guidance (Guidance I)	Paul J. McCarron	G-23
F822	Speech Re-Education	Donald L. Loeffler	213
F835	Art for the Classroom Teacher	Mary T. Dolphin	Art Room
F838	Imperialism and World Crises	Francis G. Walett	G-26
F863	Concepts and Theories in Physical Science	Melvin Merken	105
F902	Psychological Foundations of Education Part I	Joseph C. Lonergan	312
F918	Tests and Measurements	Ruth V. Somers	309
Wednesdays, 4:30-7:15 P.M., Beginning September 22, 1965			
F800	Creative Teaching	Helga E. Peterson	211
F817	Diagnosis and Correction of Reading Difficulties	Elizabeth R. Barlow	306
F845	Insights Into Modern Mathematics, Sequence I	Evelyn Robinson	208
F890	Spanish	Katherine M. Shea	309
F901	Philosophical Foundations of Education Part II	Joseph W. Riordan	302
F906	Research and Evaluation, Section A	William L. Sullivan	G-24
F908	Techniques of Counseling (Guidance III)	Joseph P. Scannell	G-23

Thursdays, 4:30-7:15 P.M., Beginning September 23, 1965

F814	Introduction to Audio-Visual Methods and Materials	Paul Davis	300
F818	The Short Story, A Study of World Emphases	Kathryn R. O'Donnell	G-23
F828	Geography of Asia	Robert F. Perry	203
F887	Reference Sources and Methods, Part II	To be announced	
F911	Educational Data Processing-Theory (School Administration VIII)	James W. Dailey	312
F912	Educational Data Processing-Methods	To be announced	
F913	Organization and Administration of Elementary Schools (School Administration II)	George T. Joseph	208

EVENING CLASSES

Tuesdays, 7:00-9:45 P.M., Beginning September 21, 1965

F824	The Survey of English Language as seen through the English Literature	Paul Edmunds	211
F906	Research and Evaluation, Section B	Walter Busam	208
F907	Occupational Information (Guidance V)	G. Flint Taylor	204
F910	Role of School Adjustment Counselor	John D. Coughlan	205

Thursdays, 7:00-9:45 P.M., Beginning September 23, 1965

F836	International Relations	Francis L. Jones	204
F849	Analytic Geometry	Edmund C. Osborne	301
F881	Methods and Materials in Teaching Social Studies	Vera M. Dowden	211
F892	Intermediate French	Vincent R. DeBenedictis	304
F903	Psychological Foundations of Education, Part II	Joseph A. Shea	G-22
F860	Education and Race Relations	To be announced	

COURSE DESCRIPTIONS

F807 Supervision in Today's Schools 3 Semester Hours

This course is designed as an introductory course in supervision for teachers, school administrators, and supervisors at both the elementary and secondary school levels. Significant topics included in the course are: concepts of supervision; principles of supervision; organization for supervision; group process; techniques of supervision; and the evaluation and improvement of instruction, curriculum, and the supervisory program. Opportunities will be provided for concentrated study and application of the materials of the course to elementary, secondary, or special subject work.

This course, or its equivalent, is prerequisite for all advanced courses in supervision.

Ruth Griffiths — Monday, 4:30-7:15 P.M.
Beginning September 20, 1965

F813 Modern Trends and Techniques of Early Childhood Education Part II 3 Semester Hours

Modern trends in curriculum development affecting nursery, kindergarten, and primary education will be treated through lecture, discussion, and a review of the current literature of the area. Special emphasis will be given to research in early childhood and reading programs for young children. Slides, films, and other audio-visual materials will supplement the class investigation into the problems of this area.

Elizabeth A. Mahan — Monday, 4:30-7:15 P.M.
Beginning September 20, 1965

F831 Sociology: Principles and Problems 3 Semester Hours

The purpose of the course is to indicate the application of the principles of sociology to the understanding and solution of current social problems. The presentation and study of content will be empirical in the sense that it is based on the latest research in sociology and related fields. Some of the problems to be studied will be: inter-group tensions, social effects of inventions, control of technology, and problems of population growth.

Robert W. Goss — Monday, 4:30-7:15 P.M.
Beginning September 20, 1965

F840 Biological Sciences for the Educator (Pre-Tissue Biology)
3 Semester Hours

This course will consider the phenomena of life primarily at the molecular-cellular (pre-tissue) level. It will be directed towards expanding the background of those who have had a minimum of or no formal training in the biological sciences. Certain basic questions concerning the nature, dynamics, and continuity of life (including special areas as viruses, cancer, heredity, molecular biology, etc.) will be posed; and by means of lectures and/or demonstrations, answers and modern interpretations to these questions will be offered.

Paul A. Holle — Monday, 4:30-7:15 P.M.
Beginning September 20, 1965

F846 Modern Mathematics for Elementary School Teachers
3 Semester Hours

This course will develop a working knowledge of the mathematical concepts basic to programs for elementary schools. Selected topics common to the various programs in modern mathematics will be treated in considerable detail to develop the background materials essential for successful teaching. Some of the topics to be covered are: basic concepts of sets, venn diagrams, arithmetic in bases other than ten, intuitive geometry, inequalities, natural numbers, integers, rational numbers, real numbers, etc.

Paul F. O'Neil — Monday, 4:30-7:15 P.M.
Beginning September 20, 1965

F885 Books and Related Materials for Junior and Senior High School Students
3 Semester Hours

This course is designed to provide teachers and librarians with a knowledge of the fundamental principles in evaluating and selecting books and related materials for young adults (grades 7-12), the standard review and selection sources, basic book collections for junior and senior high schools, handling controversial book problems, the sources for non-book materials. Emphasis will be placed on relating selection practices to the educational program of the modern secondary school. This course will satisfy, in part, the requirements for the public school librarian's certificate.

John V. Crowley — Monday, 4:30-7:15 P.M.
Beginning September 20, 1965

F900 Philosophical Foundations of Education, Part I

3 Semester Hours

This course is an historical approach to the study of educational thought and includes an examination of primary educational concepts which have evolved through western thought to the present day. Selections from the great documents in educational thought are studied in relation to the historical period in which they were produced. The student is expected to read and analyze the original contributions of the major educational philosophers.

William K. Masterson — Monday, 4:30-7:15 P.M.
Beginning September 20, 1965

F812 Principles and Practices in Guidance (Guidance I)

3 Semester Hours

This is an introductory course designed to provide the student with an understanding of the need, meaning, and scope of guidance services. The principles and practices involved in the following guidance areas will be considered: introduction and philosophy of guidance; understanding the individual and his needs; essential orientation activities for the student; collecting, recording, and evaluating data; interviewing and counseling; guidance through group activities; placement and follow-up activities; organization and evaluation of guidance. The emphasis of the course will be placed upon the role of the classroom teacher in the guidance program.

NOTE: This course or its equivalent is a prerequisite of advanced courses in guidance.

Paul J. McCarron — Tuesday, 4:30-7:15 P.M.
Beginning September 21, 1965

F822 Speech Re-Education — 3 Semester Hours

This course is designed to enable the classroom teacher to recognize the functional handicaps of speech, including articulatory, vocal, and rhythmic disorders. Practical experience with speech handicaps will be accomplished by working with one's own students under the guidance of the instructor. Written reports of the analysis, procedures, and outcomes will be required.

Donald L. Loeffler — Tuesday, 4:30-7:15 P.M.
Beginning September 21, 1965

F835 Art for the Classroom Teacher — 3 Semester Hours

In this studio workshop students will enrich their experiences in dealing with the art materials, skills and techniques valuable to

the classroom teacher. A combination lecture, informal discussion, and activity course will provide individual and group work in such areas as basic drawing, painting, lettering, and modeling. Exhibits, reproductions and slides will be used as enrichment material.

Mary T. Dolphin — Tuesday, 4:30-7:15 P.M.
Beginning September 21, 1965

F838 Imperialism and World Crises 3 Semester Hours

This course will deal essentially with the expansion of European and American interests in the period since 1870. Imperialism in Africa, the Far East and the Pacific will be generally treated. Conflicting interests that produced crises will be studied; England and France in the Sudan, the Morocco crises, Russia and Japan in the Far East, Russia and Austria in the Balkans, the United States in the Philippines. Background information to facilitate understanding of contemporary problems will be developed.

Francis G. Walett — Tuesday, 4:30-7:15 P.M.
Beginning September 21, 1965

F863 Concepts and Theories in Physical Science 3 Semester Hours

Students in this course will examine the concepts and principles basic to an understanding of the universe from a modern physicist's point of view. The need for each theory will be established before an attempt is made to develop and present it. Weekly discussion—laboratory sessions will emphasize the materials developed by the Physical Science Study Committee (PSSC). The course should be of value not only to those interested in Physics in General Education, but also to those with a more specialized interest in science.

Melvin Merken — Tuesday, 4:30-7:15 P.M.
Beginning September 21, 1965

F902 Psychological Foundations of Education, Part I
3 Semester Hours

This course covers the theoretical aspects of psychology for the classroom teacher. It includes a systematic analysis of the major schools of psychology and a study of the effects of heredity and environment. Reading in the following areas will be required; results of research on growth and development, theories of intelligence, concepts in measurement and evaluation, individual differences in capacity and achievement, and learning theory.

Joseph C. Lonergan — Tuesday, 4:30-7:15 P.M.
Beginning September 21, 1965

F918 Tests and Measurements 3 Semester Hours

This course considers the nature of measurement, its purpose and value in the learning situation, and the types of measuring techniques to be employed. Attention is given to the development of certain statistical concepts, facility in the selection and use of measuring instruments, and in the interpretation of the data secured.

Ruth V. Somers — Tuesday, 4:30-7:15 P.M.
Beginning September 21, 1965

F800 Creative Teaching 3 Semester Hours

What is creative teaching? How can teachers help to develop creative work among students? These and other topics pertaining to the improvement of learning will be discussed. In a workshop type program practical procedures will be suggested for implementation into the various subject matter areas.

Helga E. Peterson — Wednesday, 4:30-7:15 P.M.
Beginning September 22, 1965

F817 Diagnosis and Correction of Reading Difficulties
3 Semester Hours

This course is designed to guide teachers in the application of informal and standardized measures for locating and analyzing deficiencies in reading. Teachers will be assisted in planning and utilizing corrective procedures to improve pupil competence in the basic reading skills and to establish desirable habits of independent study. Credits in "The Teaching of Reading" constitute the prerequisite for this course.

Elizabeth R. Barlow — Wednesday, 4:30-7:15 P.M.
Beginning September 22, 1965

F845 Insights into Modern Mathematics, Sequence I
3 Semester Hours

This course is designed to serve the needs of teachers of secondary mathematics. The content will be directed to the task of providing an understanding and mastery of recent developments in mathematics. Some of the topics to be presented are: the abstract nature of mathematics; mathematical systems; the concept of number; mathematical induction; decimal expansions, isomorphic systems; operating with sets; and several others as time permits.

Evelyn Robinson — Wednesday, 4:30-7:15 P.M.
Beginning September 22, 1965

F890 Spanish 3 Semester Hours

Students in F890 will complete a review of Spanish-language fundamentals complemented by readings in Spanish civilization and culture. Supplementary course content will be adapted to the interests of the students.

Katherine M. Shea — Wednesday, 4:30-7:15 P.M.
Beginning September 22, 1965

F901 Philosophical Foundations of Education, Part II
3 Semester Hours

This course makes application of the philosophical bases of education to recurrent and contemporary educational issues and problems. Each topic is studied from the viewpoint of each of the major philosophical systems and the related educational concepts in order to determine to what extent a synthesis of viewpont may be achieved.

Joseph W. Riordan — Wednesday, 4:30-7:15 P.M.
Beginning September 22, 1965

F906 Research and Evaluation, Section A 3 Semester Hours

This course will stress the use of appropriate research methods in the selection and evaluation of data. It is designed to aid teachers in the preparation and understanding of education research reports. Points of emphasis will include the nature of research, library techniques and resources, selection and delimitation of problems, documentation, organization and format of a report, appraisal of educational literature, necessary statistical concepts and methods of research. The student will be expected to demonstrate his knowledge of these in a term paper.

William L. Sullivan — Wednesday, 4:30-7:15 P.M.
Beginning September 22, 1965

F908 Techniques of Counseling (Guidance III) 3 Semester Hours

This course is intended for teachers and others interested in guidance. Principles of counseling and the application of basic and advanced techniques to the counseling process will be included. Case studies and personal, educational, and vocational problems on the elementary, secondary, and college levels in counselor-situations will be presented.

Joseph P. Scannell — Wednesday, 4:30-7:15 P.M.
Beginning September 22, 1965

F814 Introduction to Audio-Visual Methods and Materials

3 Semester Hours

This course is an introductory course for the classroom teacher in the utilization of all types of audio-visual materials for improving instruction. By means of lecture, discussion, and demonstration students will learn the criteria in selection of materials, planning for their use, evaluation of methods, advantages and limitations of various materials, and implications of research. Each class member learns the operation of mechanical equipment as well as sources of audio-visual materials for the various curricula.

Paul Davis — Thursday, 4:30-7:15 P.M.
Beginning September 23, 1965

F818 The Short Story, A Study of World Emphases

3 Semester Hours

This course is designed to provide a study of the development of the short story as a literary form, and an analysis of its techniques through a study of examples from the works of world writers. Practice in interpretative analysis and critical evaluation is provided.

Kathryn R. O'Donnell — Thursday, 4:30-7:15 P.M.
Beginning September 23, 1965

F828 Geography of Asia — 3 Semester Hour

Asia, the largest of the world's land masses with over seventy-five per cent of the world's people, is undergoing rapid development and change. Because of its size, emphasis will be placed only on the more important regions of conflict. No attempt will be made to analyze and study the continent in its entirety. The Arab-Israeli Dispute, The Middle East Oil Question, The Problem of Southeast Asia are a few of the problems to be discussed in light of their historical and geographical backgrounds.

Robert F. Perry — Thursday, 4:30-7:15 P.M.
Beginning September 23, 1965

F887 Reference Sources and Methods, Part II — 3 Semester Hours

This course covers bibliographic method, search techniques, and the important reference sources in the major subject fields. Students will use the college library in their analysis and solution

of difficult reference problems. Part I of this course or its equivalent is a prerequisite.

Instructor to be announced — Thursday, 4:30-7:15 P.M.
Beginning September 23, 1965

F911 Educational Data Processing-Theory (School Administration VIII) 3 Semester Hours

The course will introduce the principles and the machines by which electronic data processing simplifies the handling of large volumes of information for industry and education. Stress will be placed on current and probable future applications of these modern methods to the information processing needs of today's schools. The use of machine methods for the school census, staff and pupil information files, school scheduling, attendance and grade reports, testing, guidance and financial accounting will be discussed. Basic equipment will be demonstrated and there will be a field trip to a modern computer center.

James W. Dailey — Thursday, 4:30-7:15 P.M.
Beginning September 23, 1965

F912 Educational Data Processing-Methods 3 Semester Hours

The course is designed to offer practical assistance to representatives of a school district which might contemplate the introduction of data processing into its educational system. Workshop discussions will concentrate on the details of machine operation, card and form design, flowcharts, wiring diagrams and panel wiring for specific educational applications. The data processing equipment at WSC will serve as a laboratory. Enrollment will be limited.

Instructor to be announced — Thursday, 4:30-7:15 P.M.
Beginning September 23, 1965

F913 Organization and Administration of Elementary Schools (School Administration II) 3 Semester Hours

This course will emphasize the many facets of elementary school administration and organization. The role of the principal as an administrator in the larger setting of present day education will be stressed. Specifically, the course will deal with the principal's role in organizing for teaching and learning, administering pupil personnel and special services, and integrating school and community life.

George T. Joseph — Thursday, 4:30-7:15 P.M.
Beginning September 23, 1965

F824 The Survey of English Language as seen through the English Literature 3 Semester Hours

Students in this course can increase their understanding of English as a tool of effective communication by a comprehensive overview of English Literature. Lectures, individual and group reports, and representative readings will enrich the students literary culture.

Paul J. Edmunds — Tuesday, 7:00-9:45 P.M.
Beginning September 21, 1965

F906 Research and Evaluation, Section B 3 Semester Hours

This course will stress the use of appropriate research methods in the selection and evaluation of data. It is designed to aid teachers in the preparation and understanding of educational research reports. Points of emphasis will include the nature of research, library techniques, and resources, selection and delimitation of problems, documentation, organization and format of a report, appraisal of educational literature, necessary statistical concepts and methods of research. The student will be expected to demonstrate his knowledge of these in a term paper.

Walter Busam — Tuesday, 7:00-9:45 P.M.
Beginning September 21, 1965

F907 Occupational Information (Guidance V) 3 Semester Hours

This course is designed to help administrators, counselors, and teachers to better meet the needs of youth through complete guidance techniques. The course is organized to help develop competencies in the following areas of Occupational Information: classification and description of jobs and industries, occupational trends in relation to socio-economic changes, collecting information, filing information and evaluating information about occupations and training. Emphasis will be placed upon the using of Occupational Information, with groups and with individuals, in the public school system.

G. Flint Taylor — Tuesday, 7:00-9:45 P.M.
Beginning September 21, 1965

F910 Role of School Adjustment Counselor 3 Semester Hours

This course will concern itself with the duties of School Adjustment Counsellors; preparation for the work; and the adminis-

tration of the program on a State and local level. Emphasis will be placed on the significant values of the program for detecting and helping children whose maladjustment prevents them from profiting within their capacity from the school experience and which, if allowed to worsen as the years go on, will develop into serious school and community problems. F910 is co-sponsored by the Massachusetts Division of Youth Services.

John D. Coughlan — Tuesday, 7:00-9:45 P.M.
Beginning September 21, 1965

F836 International Relations — 3 Semester Hours

The elements of national power, the "undecided peace of 1946," the "Cold Wars," the "New Balance of Power," the analysis of major world events of the last 25 years, armament and disarmament, the "New Diplomacy," the United States and Russia as superpowers as well as the principles of international relations will make up the basic structure of this course.

Francis L. Jones — Thursday, 7:00-9:45 P.M.
Beginning September 23, 1965

F849 Analytic Geometry — 3 Semester Hours

Analytic Geometry is a study of geometry treated by means of algebra with a reference, direct or indirect, to a system of co-ordinates. A study of Trigonometry should precede this course. Topics treated include co-ordinates, graphs, inclination, slope, loci and their equations; the straight line; the circle, transformation of co-ordinates; the parabola; the ellipse; the hyperbola.

Edmund C. Osborne — Thursday, 7:00-9:45 P.M.
Beginning September 23, 1965

F881 Methods and Materials in Teaching Social Studies
3 Semester Hours

This course is planned specifically to acquaint teachers with the recommendations which have come from Social Studies Research. The objectives of the social studies, selection and organization of materials, techniques of teaching in order to provide for the needs and interests of pupils of varying abilities, and evaluation in social studies will be stressed. Individual and group work in problems of special interest to class members will be part of the course.

Vera M. Dowden — Thursday, 7:00-9:45 P.M.
Beginning September 23, 1965

F892 Intermediate French 3 Semester Hours

This course consists of a review of French pronunciation and phonetics, grammar and verb form through application in both composition and conversation. An introductory study of French civilization and culture with some representative readings. Use of the language laboratory required.

Prerequisite for this course: two years of high school French or the equivalent.

Vincent R. DeBenedictis — Thursday, 7:00-9:45 P.M.
Beginning September 23, 1965

F903 Psychological Foundations of Education, Part II
3 Semester Hours

This course is an advanced systematic exposition of various psychological principles related to teaching, with a special emphasis on the application of these principles to specific classroom situations. Readings will be required in the areas of: emotional growth, mental health, motivation, discipline, dynamics of interpersonal relationships, social psychology, and adolescent psychology.

Joseph A. Shea — Thursday, 7:00-9:45 P.M..
Beginning September 23, 1965

F860 Education and Race Relations 3 Semester Hours

This course represents a special effort to acquaint teachers and school administrators, in particular, and other concerned citizens, with the latest and most authoritative research findings and practical approaches related to meeting the problems of disadvantaged youth, especially nonwhite minorities. Race prejudice and discrimination, social and economic barriers to racial justice, history of the Negro, materials and methods for teaching human relations, and the problem of "de facto" school segregation are among the topics which will be presented by national authorities.

Starting date and time to be announced.

REGISTRATION BLANK

Registration blanks should be forwarded immediately, accompained by a check or money order payable to the State College at Worcester. No class places will be reserved without the accompanying $2.50 registration fee.

Clip and mail to:

MR. CORNELIUS S. DONOGHUE, Director
Program of Continuing Studies
State College at Worcester
Worcester, Massachusetts 01602

or

MR. JOHN F. EAGER, Associate Director
Program of Continuing Studies
State College at Worcester
Worcester, Massachusetts 01602

COURSE **CREDITS (check)**

..... B.S.E. ( ) M.Ed. ( ) OTHER ( )

..... B.S.E. ( ) M.Ed. ( ) OTHER ( )

..... B.S.E. ( ) M.Ed. ( ) OTHER ( )

Name .....

Street .....

City or Town .....

Veteran? .....